

COMMONWEALTH OF VIRGINIA  
DIVISION OF PURCHASES AND SUPPLY  
805 E. BROAD STREET  
P. O. BOX 1199  
RICHMOND, VIRGINIA 23218-1199

**NOTICE OF CONTRACT RENEWAL**

1. DATE .....September 13, 2004
2. COMMODITY NAME.....**Van, 10 Passenger, BOC Lift**
3. CONTRACT NUMBER..... **7240-50**
4. CONTRACT PERIOD .....**September 16, 2004 through September 15, 2005**  
**Build-out Date: October 1, 2005**
5. SUPERSEDES ..... 7240-40
6. AUTHORIZED USERS ..... State Agencies and Other Public Bodies
7. CONTRACTORS' FEIN NUMBER..... 54-0806176
8. CONTRACTOR.....Sonny Merryman, Inc  
.....P.O. Box 495  
.....Rustburg, VA 24588  
.....Contact: Mr. Mark Roberts
9. CONTRACTORS' PHONE NUMBER ..... (434) 821-1000 Fax: (434) 821-8203  
e-mail: [mark@sonnymerryman.com](mailto:mark@sonnymerryman.com)
10. TERMS..... Net 30
11. DELIVERY ..... 150 ARO
12. F.O.B. ....Richmond, Virginia
13. PRICES AND OPTIONS ..... See Attached
14. FOR FURTHER CONTRACT INFORMATION CONTACT: Joe Dagra, VCO  
Phone (804) 786-3858  
E-mail: Joe.Dagra@dgs.virginia.gov
15. ADDITIONAL COPIES OF CONTRACTS AND ANY ASSOCIATED CONTRACT CHANGES MAY BE VIEWED  
AND PRINTED AT THE DPS WEBSITE: [www.dgs.state.va.us/dps](http://www.dgs.state.va.us/dps).
16. NOTICE TO ALL STATE AGENCIES: This contract is the result of a competitive bid program and its use is mandatory for all State Agencies (unless otherwise indicated in item 6 above) in the purchase of any commodity listed herein. If the commodity or services available under this contract cannot be used by an agency, a request to purchase other goods or services of a similar nature shall be submitted to the appropriate DGS/DPS contract/purchase officer for approval. A complete and factual written justification is necessary to support the request. Refer to Section 13.7a of the Agency Procurement and Surplus Property Manual.
17. **Note:** This public body does not discriminate against faith-based organizations in accordance with the *Code of Virginia*, § 2.2-4343.1 or against a bidder or offeror because of race, religion, color, sex, national origin, age, disability, or any other basis prohibited by state law relating to discrimination in employment.

Joe Dagra

By: \_\_\_\_\_  
JOE DAGRA / Fleet Contract Officer

## **INSTRUCTIONS**

1. Orders. Unless otherwise instructed by the Division of Purchases and Supply, all departments, institutions and agencies of the Commonwealth of Virginia may order items listed by issuing agency purchase orders (Form DPS-41-056) or by issuing their own purchase order form.

Written Purchase Orders Required by the Contractor. **When required by the contractor**, state agencies and public bodies will supply written purchase order forms for orders under \$5,000.

Verbal/Facsimile Orders. When a written purchase order is not required by the contractor, state agencies have the authority to place verbal and/or facsimile orders for requirements valued at less than \$5,000.

Purchase orders will be submitted to the contractor via the Commonwealth of Virginia's electronic procurement system, also known as eVA. The orders will be governed by this agreement and the terms and conditions contained in the separate agreement for participation in eVA executed by the contractor.

2. If this contract is authorized for use by localities (see line item 6, page 1), Virginia cities, counties, towns and political subdivisions may use their own form to order items listed in this contract.
3. The applicable contract number, federal employer identification number (FEI), and item number (for itemized contracts) must be shown on each purchase order and copy, each facsimile transmission or given verbally when telephonic orders are placed.
4. Inspection on delivery and approval of vendor's invoice is the responsibility of receiving state agency, Virginia city, county, town or political subdivision.
5. Any complaint as to quality, faulty or delinquent delivery, or violation of contract provisions by contractor shall be reported to the Division of Purchases and Supply for handling with the contractor. Preprinted forms (DGS-41-024), by which to facilitate the notification of the contractor and this office of complaints, are available from the Division of Purchases and Supply (786-8873).
6. Renewals. **Two (2)**, one year renewals remain. The decision as to whether to exercise the next renewal option will be made by the contract officer approximately four to six months in advance of the expiration date of the current term.
7. Price Adjustments. During the current term of the contract, increase will be granted at the introduction of the new model year, if justified. The contract officer makes the decision to allow or deny a request for increase based upon the documentation submitted by the contractor. The contractor is required to pass on any price reductions immediately. **IMPORTANT!** All price increases must be approved by the contract officer. Contract users will be sent a Notice of Contract Change from this office as official notification of such changes, if approved.

## **DEPARTMENT OF RAIL AND PUBLIC TRANSPORTATION**

### **10 Passenger BOC (With Narrow Body)**

#### **Eight Ambulatory, One Wheelchair and Driver**

#### **With Wheelchair Lift Specifications**

#### **Model 2005**

These specifications incorporate where appropriate all provisions of the Americans with Disabilities Act Final rule as stated in the Federal Register Vol. 56. No. 173 of September 6, 1991, Subpart B - Buses, Vans and Systems, pages 45756 through 45761. The minimum specifications for a 10 passenger (including the driver) narrow body vertical sidewall van with wheelchair lift area as follows:

**Gross Vehicle Weight (GVW):** To be not less than 10,000 lbs.

**Front Axle:** To be equipped with heavy-duty axle and springs adequate for vehicle's gross vehicle weight.

**Rear Axle:** To be equipped with heavy-duty axle and springs adequate for vehicle's gross vehicle weight.

**Shock Absorbers:** Shall be load rated and of the heaviest duty available, capable of controlling the ride in the vehicle when empty, as well as when loaded to the GVW. They shall be a heavy-duty type to give maximum trouble free life in transit operations.

**Suspension:** The suspension system shall be load rated and of the heaviest duty available for the GVW of the vehicle. The springs shall be the "progressive type" to give an acceptable ride under various load conditions. The suspension system may be coil springs on the front and leaf springs on the rear.

**Engine:** Gasoline engine with a minimum of 368 cubic inches displacement.

**Automatic Transmission:** To be a 4 speed electronic transmission with overdrive must be compatible with the engine specified. The transmission shall be equipped with an auxiliary transmission cooler. The dipstick and the add-oil filler tube shall be in a readily accessible location. The transmission shall be equipped with an audible back-up alarm integrated into reverse gear backing lights.

**Drive Shaft:** To be rated capable of transmitting the torque multiplication of the power units to the drive wheels. A safety guard is required to prevent a broken shaft from touching the ground or contacting any brake lines.

**Engine Oil System:** The dipstick and oil filter shall be in a readily accessible location.

**Exhaust System:** To be equipped with corrosion resistant muffler. No flexible tubing shall be used between the engine and the muffler. The exhaust shall exit at the rear of the vehicle.

**Fuel Tank:** To have the largest capacity furnished by manufacturer, minimum of 35 gallons. Filler to be located to provide easy servicing. Tank should be located in an area protected under the vehicle and shall incorporate a frame or shield around the tank to preclude puncture in an accident.

**Brakes:** Shall be efficiency rated and of the heaviest duty available for the GVW of the vehicle involved. Four-wheel antilock brakes will be provided Braking system shall comply with FMVSS-121 or FMVSS-105, as applicable.

**Parking Brake:** To be chassis manufactures heaviest duty brake and shall be manually operated working on the rear wheel brakes or the drive shaft. The parking brake shall be capable of holding a fully loaded vehicle on a 15% incline; the system shall incorporate a warning light on the instrument panel to indicate to the driver when the brake is on.

**Steering:** To be hydraulic power steering of integral design. It shall be factory installed and of the type the manufacture provides for a vehicle of this size. To be equipped with a tilt steering wheel.

**Tires and Wheels:** Tires (seven per bus including spare) shall be LT225/75R16D tubeless radial. The weight distribution of the vehicle with maximum load shall be evenly distributed and not over load any tires beyond there rated capacity. One matching spare tire and wheel per vehicle is required loaded loose in the vehicle. Wheels shall have matching wheel covers. OEM hydraulic vehicle jack designed for the weight of the vehicle shall be included.

**Electrical Alternator:** Shall be a minimum 124 AMP.

**Voltage Regulator:** Shall be solid-state 12-volt system. Must be compatible with the generator/alternator involved.

**Battery:** Shall be two- (2) maintenance free type, 12 volt batteries with a combined minimum of 1150 CCA.

**Wiring:** Shall be manufacturer's standard for circuits involved. All wiring shall be run inside the body in a protected area. Any wiring that is exposed to the elements shall be in loom and securely clipped for maximum protection. Clips shall be rubber or plastic coated to prevent them from cutting the wiring insulation. All wiring shall be color-coded and/or labeled for identification. Circuit breakers and electrical panels shall be located to be easily accessible. The manufacturer shall provide complete wiring schematics showing the original wiring and the added wiring for the vehicle involved. The schematics shall be contained in a three ring binder include a table of contents.

**Roof Mount Antenna Preparation:** Vehicle shall be wired to allow two-way radio installation. Vehicle to include a rooftop mounting plane and a conduit with a pull wire. The conduit shall begin at the ground plane and terminate in the driver's compartment. The conduit shall be concealed in the body structure.

**Exterior Armored Clearance Lights:** Five amber fronts and five reds at rear. All clearance lights shall be armored or recessed.

**Reflectors:** Four reds at rear and two amber at front.

**Directional Signals:** Shall be in compliance with FMVSS and state statutes. Signals, turn and four-way energy flashers, shall be wired as an independent circuit at to that of the rear brake light system as to allow for emergency flash circuit to be operable and uninterrupted by a brake application. Control switch shall be self-concealing type mounted on the steering column. Shall include a hazard warning feature as required by FMVSS 108. A third or center OEM brake light will be flush mounted above the center of the rear window. The additional brake light shall either be flush mounted or armored.

**Interior Dome Lights:** Shall be ceiling or side mounted. There shall be a minimum of six ceiling mounted lights to provide sufficient interior lighting. The opening of the door shall activate all bus body dome lights when the ignition is on or by a separate switch in the driver's compartment. There shall be two shielded stepwell lights, wired to light when the door opens and shall be mounted on both sides of the stepwell to provide light on each step tread, plus an area on the ground (3) feet beyond lower step. The stepwell lights shall be located to prevent one step from casting a shadow on another step tread. A dome light shall also be provided over the driver's seat area. The driver's seat area dome light shall be a separate circuit from the passenger area dome lights, however both sets of dome lights shall be activated by switches conveniently placed near the driver's seat.

**Lighting:** Shall conform to the specifications as outlined in the ADA regulations Subpart B-Buses, Vans and Systems, 38.31 Lighting.

**Instruments:** Shall be mounted in the instrument panel forward of the driver and in full view while in the driving seated position. The following gauges will be supplied: a) voltmeter b) engine water temperature c) oil pressure d) fuel gauge e) speedometer/odometer. In addition, the driver shall be warned of the following conditions by either a warning light or audible alarm: a) low voltage b) low oil pressure c) headlights on high beam d) parking brake applied e) turn signals activated.

**Controls and Switches:** All controls and switches shall be mounted within easy reach of the driver, either forward of or to the left. They shall be permanently labeled for quick and unmistakable identification; they shall be lighted for nighttime operation in such a way as to prevent glare in the windshield or driver's side windows. Glued identification decals are not acceptable. All dash gauge lights shall be of variable intensity and controlled by one driver accessible dimmer switch.

**Heater:** Fresh air type front hot water heater, with windshield defroster. This heating system to be located in front of the passenger compartment and to be operated from the driver's position.

**Rear Heater:** A heater to be a minimum of 40,000 BTU/hour capacities and to be controlled from the driver's position. The rear-heating unit shall be located so as not to adversely affect the wheelchair tiedown area or regular ambulatory movement.

There shall be a shut off valve in the heater piping located in an easily accessible area to permit the water circulation to the heaters to be shut off during hot weather.

**Windshield Wipers/Washers:** To be manufacturer's standard for the vehicle involved. Washer supply tank shall be located for easy refill from outside the vehicle. A FOUR (4) -position switch having OFF, INTERMITTENT, LOW and HIGH positions shall control wipers.

**Sun Visor:** Shall be padded type, fully adjustable, to provide sun glare protection either at the windshield or the driver's side window. Friction device shall hold it securely in either location and in any

position during travel over rough road surfaces.

**Mirrors:** Two (2) exterior rear view mirrors shall be provided on break-away brackets, one (1) at the driver's left side, and one opposite on the right side. They shall have a minimum size of 6" x 9". They shall be mounted out of the driver's normal driving line of vision to prevent driving "blind spots". Convex spot mirrors of no less than three (3) inches in diameter will be provided for each exterior mirror. One (1) interior rear view mirror shall be located above the windshield and shall be large enough to provide the driver with a full view of the bus interior. All mirrors and mirror mountings shall be sufficiently rigid to prevent viewing distortion due to vibration. A fresnel lens (minimum 8"x10") shall be centered and installed/glued on the rear window.

**Exterior Finish:** Shall be manufacturer's standard fleet white color of paint, with accent striping to match recipients existing fleet design. No full body paint schemes are required; i.e. all buses will incorporate white as the base color. The paint schemes required would include no more than three stripe colors in addition to the base body white. The stripes shall be painted, not applied as with vinyl graphic material. The paint used for the stripes shall be DuPont ChromaBase or equal. The body metal shall be properly treated before final color paint to prevent rusting or corrosion. A can or bottle of exterior touch up paint shall be provided. The transit system's name shall be painted or direct contact 3M seven-year vinyls or equivalent on each side of the vehicle and approved by the recipient. Some recipients will require logo reproduction on the exterior of the vehicle. The price for this graphic work is to be included in the price.

**Interior Colors:** Shall be chosen from the manufacturer's standard colors.

**Bus Body:** Bumper to bumper length of vehicle, minimum 21 feet. Body length minimum 157 inches, width of the body minimum 84 inches. The vehicle shall be of a vertical sidewall design, which provides maximum shoulder room slanted sidewalls such as a converted raised roof van are unacceptable. The body shall be constructed of steel frame members completely encircling the passenger compartment going from the floor supports on one side, up, across the roof and down to the floor supports on the other side to provide more or less of a roll bar at each body post location. These post assemblies, or roll bars, shall be tied together with longitudinal stringers at the top and bottom lines of the window openings and at least one on the body roof centerline to produce a safety cage design. Exterior seams shall be constructed in such a manner that they shed water, that is, the leading panel shall be lapped over the following panel and in no case shall the sealing of the panels be dependent on caulking alone. The application and caulking compound zinc chromate type, butyl/rubber type or equal shall protect all exterior joints and seams. Body shall be thoroughly tested and made tight to prevent leakage. Before assembling, all metal parts shall be given a thorough anti-corrosion treatment. Interior surfaces of body panels and post, which are covered by trim materials, shall be given protection against corrosion. The vehicle must comply with the requirements of school bus rollover protection of the Federal Motor Vehicle Safety Standards (FMVSS) #220 as applicable.

**Floor:** The floor shall be  $\frac{3}{4}$  inch minimum waterproof plywood adequately fastened to the under structure and include a metal vapor barrier. The floor shall be a seamless one-piece design to prevent intrusion of elements in to floor structure. All edges, cutouts, notches, etc. shall be properly sealed after cutting to prevent moisture from entering between the plies. Joints in the plywood floor shall not occur over joints in the metal subfloor. The floor from the point behind the driver's seat shall be a level surface to the rear of the vehicle.

**Floor Covering:** Shall be RCA transit quality rubber 1/8" thick, smooth under passenger seats and in the driver's area. Aisle covering shall be RCA transit quality 3/16" thick ribbed. Step treads shall have a white edge or nosing to pronounce the presence of the step. Vestibule covering shall be mitered to match the ribs in the aisle strip to facilitate clearing. Any lip or nosing overhang shall be kept to a minimum to eliminate any tripping condition. There shall be no lip or nosing overhang; the step tread flange shall be flush with the vertical riser to eliminate any tripping condition. Carpeted floors are unacceptable for this application. The floor covering shall be color keyed providing a visual contrast to the interior. The minimum choices for the floor color shall include black, tan, charcoal and blue. A white standee line shall be included at the forward area of the passenger compartment.

**Combination Roof Ventilator/Emergency Exit:** A nonclosing, static exhaust vent, combination roof ventilator-emergency escape hatch 24" x 24" shall be installed in the vehicle roof which, when open and the vehicle is in a forward motion, shall provide fresh air inside the vehicle. Specialty Manufacturing Co. Specialty Hatch model #8915 or Transpec Inc. Model #1100 Triple Value Safety Vent or equivalent.

**Insulation:** The roof, sides and rear doors including front and rear cab area, to be insulated and lined. Areas between the inner and outer vertical walls and roof shall be insulated with a fiberglass or approved equal mat of an R factor of 6.

**Windows:** Transit type "T" slider windows with safety glass, 31% tinted shall be installed in each side of the passenger compartment. Each window shall be a minimum of 24" wide by 30" high. Each window shall include a ventilation section providing ventilation for the passengers. One window on each side of the bus shall function as an emergency exit in accordance with FMVSS #217.

**Interior:** All interior panels, materials and treatments shall be flame retardant. The headliner, sidewalls and cab liner shall be fiberglass panels to facilitate ease of cleaning. All interior colors shall be coordinated and OEM and seating shall be compatible.

**Undercoating:** The underbody, including wheelhousings, shall be undercoated. Undercoat to be applied wherever allowed by the chassis OEM. Proper care shall be taken to prevent any coating from being deposited on grease fittings, moving parts, brake hoses, and drive shaft.

**Mud Deflectors:** Mud flaps will be provided mounted to both front and rear wheel wells.

**Seating:** To have seating capacity of 10 adults including the driver and one passenger in a wheelchair. The stationary seats for 8 passengers shall be a C.E. White Company Model L-35 or L-17 or the Freedman Seating Company mid Height, FeatherWeight Transit Line or an equal. Optional foldaway seats (if requested by recipient) shall be a CE White Company Model ADA-35 and ADA-17, or Freedman Seating Company "AM Foldaway" or an equal. Seat belts are to be provided and color-coded to allow one to differentiate between which seat belt goes to which seat. Please refer to attached floor plan. Minimum hip to knee will be 27.5 inches. All aisle side seats to include padded seat back grab handles. All seats and restraints must comply with current FMVSS standards, including 201,202,207,208,209,210,214 and 302.

**Seat Covering:** Standard cloth or vinyl seat coverings (or a combination of the two) shall be provided. Minimum color selections will include gray, blue, maroon, tan or brown.

**Floor Plan:** All bidders will submit a floor plan drawn specifically for this procurement. The floor plan shall be drawn to scale and clearly indicate hip to knee dimensions. Offers submitted without a floor plan as described above will be deemed unresponsive.

**Driver's Seat:** Driver's seat shall recline and be equipped with a cloth seat and back insert and with a moveable armrest on the right side of the seat. The driver's seat shall also have a fore and aft adjustment.

**Bumpers:** Shall be provided at both front and rear of the vehicle. They shall wrap around the body sufficiently to give protection against impact at the body corners. The front bumper shall be supplied by the chassis OEM and include a chrome finish. The rear bumper will be painted steel and include an anti-ride feature. The bumper or anti ride device shall include a built-in step at the rear door. The step shall include a non-slip, textured surface.

**Towing Devices:** There shall be attachment points (2) at the rear only. The towing devices shall be adequate in design and construction to permit towing the vehicle without distortion or failure.

**Air Conditioning:** Air conditioning shall be American Cooling Technology, Inc. (A.C.T.) model ACT-40HD, Trans Air model TA-712 Super, or Carrier Transicold-A/C Industries model AC-442 Max or Rifled Air Conditioning (RAC) Model 1520 or equal.

The air conditioning system shall consist of two (2) completely independent air conditioning systems. The drivers area air conditioning system shall be the OEM supplied air conditioning system and shall consist of the OEM supplied in-dash evaporator; the radiator mounted condenser, and compressor. The passenger is air conditioning system shall consist of the following .

**Compressor:** A second compressor shall be installed on the vehicle engine it is specific to the passenger area air conditioning system. The compressor shall be nominal ten (10) cubic inch displacement.

**Evaporator:** Shall be A.C.T. model EZ-4, Trans Air model TA-71, or Carrier Transicold-A/C Industries model EM-2 or RAC RE-15 or equal. Airflow shall be a minimum of 800 CFM at 13.5 volts. A return air filter shall be located at the coil is an easily accessible for maintenance. Evaporator cover shall be constructed of High impact ABS plastic and must be in compliance with FVMSS 302 fire retardant specification standards.

**Condenser:** Shall be A.C.T. model CS-2, Trans Air model SMC2S, or Carrier Transicold-A/C Industries model CM-2 or RAC RC-20 or equal. Condenser shall be equipped with minimum two (2) permanent magnet ball bearing sealed motors. Each motor shall have a minimum rating of 800 CFM at 13.5 volts. The condenser shall be installed in the skirt of the vehicle on the driver's side. A minimum sixteen- (16) cubic inches displacement filter drier with a sight glass shall be installed on the condenser. All electrical connections shall be corrosion resistant.



**General Air Conditioning Specification:** The air conditioning system shall utilize environmentally friendly R-134a refrigerant. Refrigerant hoses shall be double braided barrier types; (type C, Class II) and refrigerant hoses and fittings must be SAE specification J2064 compliant. All air-conditioning hoses, heater hoses, and wiring shall be properly protected. The air conditioning system shall be equipped with high and low-pressure protection. All passenger area air conditioning electronic relays, fuses, and circuit breakers shall be mounted in one location for reliability and ease of repair and cannot be mounted in a location, which exposed to environmental elements.

All air conditioning systems will include, as standard, Carrier Transicold Quick Click or Aeroquip E-Z Clip connectors or equal. Quick or Aeroquip lined hose or equal shall be utilized in all installations. Beadlock fittings and rubber barrier hoses are not acceptable for this application.

**Air Conditioning System Performance Criteria:** The air conditioning system shall be able to maintain an average interior temperature of seventy five (75) degrees Fahrenheit plus or minus three (3) degrees under the following conditions. The vehicle will be exposed to an exterior temperature of ninety-five (95) degrees Fahrenheit for no less than one (1) hour. At the end of one (1) hour the vehicle will be started, the air conditioning system will be turned on high speed, the engine RPM will be set at a constant 1500 RPM, and the interior temperature will meet the above mentioned seventy five (75) degrees Fahrenheit (plus or minus three (3) degrees Fahrenheit) within thirty (30) minutes while maintaining a ninety five (95) degree Fahrenheit ambient temperature.

The successful bidder will be required to certify the air conditioning system is adequate for the vehicle and able to meet these performance criteria.

**Fast Idle Switch:** The vehicle shall be equipped with a PennTex Industries, Inc. fully automatic high idler device or equal. The vehicle shall include a voltage monitor / engine idler. The device will activate automatically when the vehicle is in a discharge situation, the transmission is in Park and the parking brake is applied. The device will also include a manual activation switch. The device will automatically deactivate when the parking brake is released and the vehicle is put in gear.

**Safety Equipment:** The following safety equipment shall be mounted in an appropriate location within the vehicle so as not to interfere with the driver or passenger.

- First aid kit, 16-unit size
- Fire extinguisher, 5# ABC type
- Warning triangles, reflective type - (3) units
- OSHA approved Body Fluid Clean Up Kit

**Radio:** To be a deluxe AM/FM stereo radio with a digital clock feature with a minimum of four (4) speakers.

**Ambulatory Door:** The vehicle shall be equipped with a transit style (double out) front entrance door, located opposite the driver. The door shall be operated from the driver's seat via a school bus type hand control. Clear center minimum opening width of at least 32" top to bottom. Door control shall be reinforced with a steel plate at the door and firewall connections. Ambulatory step well will be comparable to door width and shall have a minimum of three steps including the floor surface as one step. To help maintain the integrity of the step the curbside cab door panel well shall protect well and

doorframe in the event of a collision, the forward edge of the step or a device designed to protect the forward edge of the step well. The forward edge of the step well shall be protruding below the attached body panel or protective device.

To help maintain the integrity of the step well and doorframe in the event of a collision, the forward edge of the step well shall be protected by the curb side cab door panel or a device designed to protect the forward edge of the step well. The forward edge of the step well shall not protrude below the attached body panel or protective device.

**Wheelchair Lift Doors:** Double lift doors shall be provided. The doors shall be secured so as not to interfere with the operation of the wheelchair lift. The leading door shall be a key locked door that will secure both doors when in the locked positions. Also, both doors will have a latching device, i.e. one door will not be held closed by the other door. Both doors to include rods that secure the door at the top and bottom of the frame. A handle shall be included on both doors that pivot the latching rods up and down to secure or release the door. Both doors should include windows in the upper sections. Wheelchair lift doors to include an interior spring type device mounted to the interior of the door and the top of the doorframe to hold doors open (gas struts or shocks are not acceptable).

**Rear Door:** A minimum 32 inches X 58 inches rear door will be included. The rear door should include upper and lower windows. The rear door will include an interior spring type device to hold doors open (gas struts or shocks are not acceptable).

**Wheelchair Lift:** A Braun Model L917IB or RICON S-SERIES will be installed and conform to the specifications as outlined in the ADA regulations Subpart B-Buses, Vans and Systems, 38.23 Mobility aid accessibility. (b) Vehicle lift - pages 45757 - 45758. Lift shall be electric-hydraulically operated. The lift assembly shall safely accommodate a minimum load of 700 lbs. All power units, operating joints, linkage and mounting points to the body shall be certified by the manufacture as being adequate for the minimum load requirement. Lift shall be equipped with a manual over-ride to permit lift to be raised or lowered manually in event of power failure or emergency. A passenger handrail shall be provided on both sides of lift platform. A complete set of operating instructions, schematics and a trouble-shooting guide shall be included with each lift.

**Securement Devices:** There will one wheelchair tie down space. (Reference seating diagram) All floor-mounted attachments shall be flush mounted at floor level. Must meet 30/20 Impact Test Criteria per SAE J2249 Standard. The wheelchair securement devices will conform to the specifications as outlined in the ADA regulations Subpart B-Buses, Vans and Systems, 38.23 Mobility aid accessibility. (d) Securement devices - page 45759. Acceptable kits are Sure-LOK Series "L" part number FE517, or Sure-LOK Series "A", part number FE510 to also include occupant restraint system or equal. Kits will be Sure-LOK Series "L", part number FE517, or Sure-LOK Series "A" or equal, part number FE510 to also include occupant restraint system or equal. The Shoulder belt shall have 12 inches of vertical adjustment, Sure-LOK part number FE200599HA or equal and the integrated lap belt, Sure-LOK part number FE200595 or equal.

A storage container shall be provided for each sacrament station to allow clean storage of the system straps and belts when not in use, Sure-LOK part number FE200746 or equal.

A hand held web cutter shall be provided for each securement station for Sure-LOK part number 8705

**Stanchion Bar:** Stanchion and grab bars shall be stainless resistant steel or equivalent, a

minimum of 1 -1/4" in diameter and padded. Padding shall be permanently bonded to stanchion and grab bars. Padded stanchion bar shall be installed at side entrance door. Stanchion shall be

Mounted to floor ceiling in structural members. Location to be approved by DRPT. Permanently bonded padded grab bars shall be located on top of each forward facing aisle seat. Passenger assist grab bar(s) shall be securely mounted on both sides of the entrance door (dual door location), to provide additional support while boarding and alighting. The bar(s) shall be a combined (total) of 20" in length. Bar to be a minimum of 1" in diameter. Location to be approved by DRPT. There shall also be floor to ceiling stanchions on either side of the aisle at the entry to the passenger compartment. Both stanchions shall include a horizontal stanchion that attaches to the sidewall. In addition, the curbside stanchion shall include a modesty panel separating the first row of curbside seats from the step well.

**Doors, Steps and Thresholds:** Shall conform to the specifications as outlined in the ADA regulations Subpart B-Buses, Vans and Systems, 38.25 Doors, steps and thresholds.

**Priority Seating Signs:** Shall conform to the specifications as outlined in the ADA regulations Subpart B-Buses, Vans and Systems, 38.27 Priority seating signs.

**Interior Circulation, Handrails and Stanchions:** Shall conform to the specifications as outlined in the ADA regulations Subpart B-Buses, Vans and Systems, 38.29 Interior circulation, handrails and stanchions.

**Maintenance Provisions:** A description of how and by whom warranty service can be provided is to be included. The vendor will be responsible for all warranties associated with the vehicle. The vendor will act as the first source for performing warranty work. This should cover both mechanical and body work. The manufacturer's warranty covering parts, materials and workmanship shall apply for a minimum period of twelve (12) months or 12,000 miles, whichever occurs first, and this warranty shall include repair and replacement of defective parts and labor. The successful vendor will be required to offer a toll free number to all recipients for warranty inquiries, parts orders and service related questions. The vendor will have personnel available to answer warranty, parts and service inquiries Monday through Friday, 8:00 AM to 5:00 PM, except during Holidays recognized by The Commonwealth of Virginia. All bidders must offer proof of both chassis and body warranty (including bus body air conditioning and wheelchair lifts) service points within the Commonwealth of Virginia. All bidders will be required to submit documentation (letters from vendors) of the vendors who will do the warranty of both chassis and body (including bus body air conditioning and wheelchair lifts). Service on warranty must be available in at least four areas of Virginia. (Northern Virginia Area, Richmond Area, Hampton Area and Roanoke Area).

The vehicle to be furnished shall conform to all applicable Federal and Motor Vehicle Safety Standards and all equipment shall conform to Title 46.1, Chapter 4, Article 9 of the Code of Virginia and shall include a valid State Inspection Sticker. Chassis to be a standard proven model of manufacturer's latest current production and include all standard equipment as advertised with additional optional equipment as outlined above. All components, unless otherwise required by these specifications, shall be the standard or optional equipment specifically advertised and installed by the manufacturer including any additional warranties.

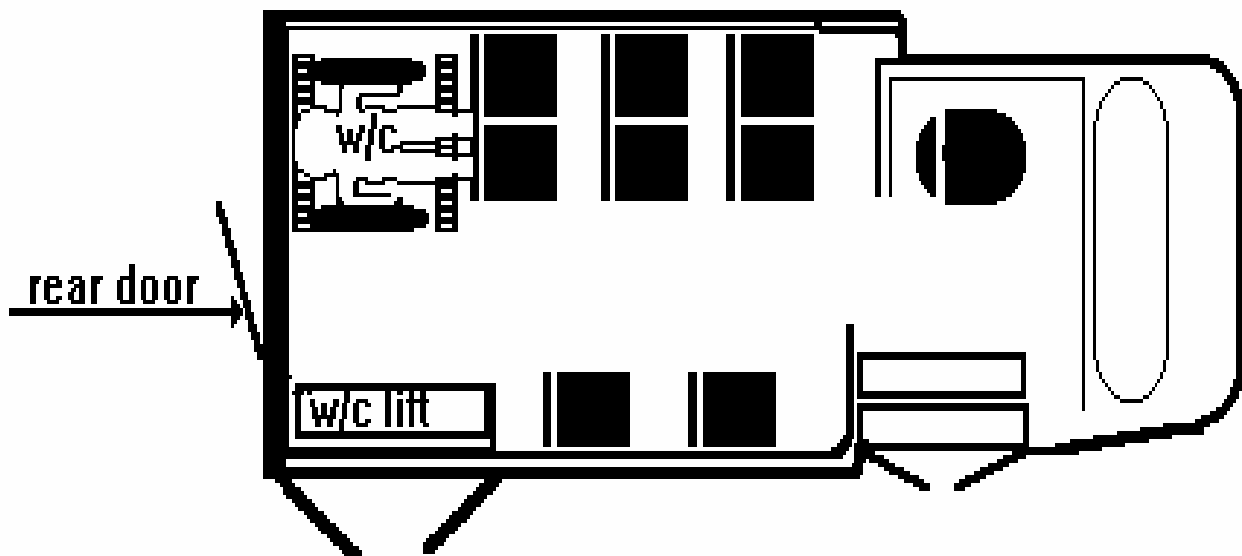
Prior to delivery the vendor must perform new vehicle service preparation. The vendor will provide the Department of Rail and Public Transportation (DRPT) staff five working days notices prior to delivery to inspect vehicles. The vehicle shall be in acceptable condition upon delivery and will be accepted only by an authorized person designated by the agency. Delivery shall be during normal business hours, i.e. 8 AM - 5 PM, Monday through Friday. Payment will not be initiated until the agency is assured that the vehicle has been delivered in an acceptable condition and everything is working properly. All vehicles to have 30-day tags on delivery to recipient. All vehicles will be delivered to recipient and DRPT will pay 60 cents per mile one way, for delivery past the total mileage from the vendor to Richmond.

**Delivery:** Dealer will deliver the vehicle conforming to the above specifications within 150 days after receipt of order.

**Preliminary invoice:** A preliminary invoice must be received at least 30 days prior to delivery to ensure prompt payment.

**Federal conditions of Manufacturer/Vendor:** The attached federal conditions of Manufacturer/Vendor must be completed with bid package.

### SEATING CHART



**Contract # 7240-50**  
**10 Wheel BOC (Narrow Body) Model 2005**  
**Contract period: September 16, 2004 through September 15, 2005**

**PRICE SHEET**

- |    |  |                         |
|----|--|-------------------------|
| 1. | Ford chassis, gasoline engine 6.8 liter<br>Ford, E-350 RV Cutaway          | <b>\$ 39,151.00 /EA</b> |
| 2. | Ford chassis, diesel engine 6 liter<br>Ford, E-350 RV Cutaway              | <b>\$ 42,963.00 /EA</b> |
| 3. | Chevrolet chassis, gasoline engine 6 liter<br>Chevrolet 610 Series Cutaway | <b>\$ 37,874.00 /EA</b> |

**OTHER OPTIONS FOR 10 PASSENGER BOC (Narrow Body)**

- |     |  |                      |
|-----|--|----------------------|
| 4.  | Add second wheelchair securement<br>Sure-Lok FE-517  | <b>\$ 475.00 /EA</b> |
| 5.  | Add a double 3-step foldaway seat. Foldaway seat to include<br>alternating color seat belts and aisle side seat back grab handles<br>Freedman 34" Fold-A-way   | <b>\$ 510.00 /EA</b> |
| 6.  | Add a double standard flip seat. Flip seat to include<br>alternating color seat belts<br>Freedman 35" Handi-Flip   | <b>\$ 360.00 /EA</b> |
| 7.  | Street side exhausts<br>Startrons # C21  | <b>\$ 265.00 /EA</b> |
| 8.  | Skirt mounted, slide out battery tray<br>Startrons C38T/C39T   | <b>\$ 365.00 /EA</b> |
| 9.  | Strobe lights (two), one each roof mounted at front and rear caps.<br>Specialty Model 205 mini strobe (2.25" high)   | <b>\$ 590.00 /EA</b> |
| 10. | SURE-LOCK wheelchair securements vs. standard. Kits to include<br>occupant restraint with retractable shoulder harness.<br>Sure-Lok FE 200604HA  | <b>\$ 375.00 /EA</b> |
| 11. | The Q'STRAIT Q'RT Deluxe Retractable Securement System<br>that features self-locking and self-tensioning can be mounted in<br>various applications and sits 45-degree angle once mounted.<br>Q-Straint Q 8100-A1-L | <b>\$ 375.00 /EA</b> |

12. Front Help bumper Romed RM Firestone "Help"	<b>\$ 875.00 /EA</b>
13. Rear Help Bumper Romed RM Firestone "Help"	<b>\$ 875.00 /EA</b>
14. 200 amp alternator Penntey PX 520 (Ford Gas or Diesel) Penntey PX 420 (Chevy Gas)	<b>\$ 1295.00 /EA</b>
15. Floor access panel to fuel pump Startrons C84	<b>\$ 175.00 /EA</b>
16. Upgrade to painted wheels ILO wheel covers Ford/Startrons, Z-40	<b>\$ 150.00 /EA</b>
17. Heated mirrors Velvac X05	<b>\$ 175.00 /EA</b>
18. Folding arm rests Freedman UPH	<b>\$ 20.00 /EA</b>
19. Adjustable head rests Freedman S37	<b>\$ 65.00 /EA</b>
20. ABS seat backs Freedman S36	<b>\$ 55.00 /EA</b>
21. Upgrade electrically operated entry door ILO manual Startrans D19	<b>\$ 495.00 /EA</b>
22. PA system with interior and exterior speakers ASA Electronics PA500	<b>\$ 275.00 /EA</b>
23. Front roller type destination sign (25 stations) Transign X-58	<b>\$ 1150.00 /EA</b>
24. Side roller type destination sign (25 stations) Transign X-60	<b>\$ 1150.00 /EA</b>
25. Destination sign lettering (per placement, per sign after first 25 stations) Startrans X-65	<b>\$ 25.00 /EA</b>
26. Driver's locking document box Startrans M02	<b>\$ 250.00 /EA</b>

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|--|-----------------------|
| 27. Diamond Model D farebox with two vaults  | <b>\$ 1450.00 /EA</b> |
| 28. Shop Manuals<br>Ford or Chevrolet SM-OEM   | <b>\$ 275.00 /EA</b>  |
| 29. C.E. White Company L-Series integrated child restraint seat<br>Freedman ICS-Double                         | <b>\$ 980.00 /EA</b>  |
| 30. Paint lower skirt of bus body and chassis cab  | <b>STD</b>            |
| 31. Credit to delete wheelchair accessibility package resulting in<br>twelve ambulatory passenger plus driver. | <b>\$ 1980.00 /EA</b> |

**Options: Unless an option is specifically identified in the bid as a dealer installed option, all options shall be factory installed. Further if the factory installed option includes more features than specified in the bid, the additional features shall be considered as required by the resulting contract.**

**Vehicle to be furnished shall conform to all applicable Federal and Motor Vehicle Safety Standards and all equipment shall conform to Title 46.2, Chapter 10, of the Code of Virginia and shall include a valid State Inspector Sticker. No dealer identifications such as sticker, decal, metal emblem and so forth will be accepted on automobiles furnished under this contract.**

**New vehicle preparation must be performed by dealer prior to delivery. Include in bid the cost of usual pre-delivery inspections.**

**Warranty: Ford Motor Company**

Bumper to Bumper. 3/36,000  
Safety Restraint System. 5/50,000  
Corrosion(Perforation). 5/50,000  
7.3 Power stroke Diesel Engine. 5/100.000

**Colors:** All Vehicles shall be available in any of the manufacturer's standard colors.

**TAXES:** No Federal Tax is to be included in bid, including tires. Tax Exemption Registration number will be furnished.

**LICENSE:** Thirty day license tags shall be furnished with the vehicle.

**TITLE PAPERS:** All papers for titling purposes shall be delivered with the vehicle.

**DELIVERY:** Vehicles shall be delivered to the various state agencies, cities, counties, towns,

and political subdivisions throughout the State as required. For bidding purposes only, quote delivery to 805 E. Broad Street, Richmond, Va. 23219. The ordering entity will pay 60 cents per mile for mileage in excess of the distance from the dealer's location to 805 E. Broad street, Richmond, Va. 23219. A 60 cents per mile credit will apply if the distance is less than the mileage to 805 E . Broad Street. Mileage will be determined based on Yahoo.com, (map, driving direction). Mileage shall be calculated between the dealer's address and the delivery address. Delivery will be accepted between the hours of 8:15 A.M. and 4:30 P.M., Monday through Friday, except holiday